

ABSTRACT

A method for identifying the occurrence of an event at a remote location, prioritizing the event, and then, based on the priority, forwarding the event to selected stations on a network incorporates a scheme for tagging the event with the location, type and priority of event at the point where a sensor picks up the event. Event data is then forwarded only to selected stations on the network as required by a priority hierarchy. This permits a large amount of data to be collected at the site of a sensor while minimizing transmission of the data to an as-needed basis, reducing the overall bandwidth requirements of the system. In one aspect, legacy device signals, appliance signals and video and still image data generated at a remote location includes is collected on a preselected basis for defining and transmitting an original condition to the remote location. Subsequent data is compared to the data representing the original condition. The transmitted data may be tagged with unique identifying components. The transmitted data is stored for archival, search and retrieval. A notification signal may also be generated and based on prioritization may be forwarded to selected recipients. Notification is also visually indicated on map and other graphic display monitors.